



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/726,966	11/29/2000	Sangeetha Narasimhan	10003088-1	1711

7590 06/17/2004
HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

EXAMINER

JONES, DAVID

ART UNIT	PAPER NUMBER
----------	--------------

2622

DATE MAILED: 06/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/726,966

Applicant(s)

NARASIMHAN, SANGEETHA

Examiner

David L Jones

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 November 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11/29/00 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 2.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____.

DETAILED ACTION

Information Disclosure Statement

1. The information disclosure statement (IDS) submitted on 11/29/2000 was filed after the mailing date of the application on 11/29/2000. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1 and 3 are rejected under 35 U.S.C. 102(e) as being anticipated by Nakajima (US 6,104,829).

Regarding claim 1, Nakajima discloses a method and apparatus for selecting a print job parameter including the steps of:

ascertaining a pre-selected (fig. 11, column 12, lines 33-58) toner density setting; and
selecting a print media source based upon the pre-selected toner density setting. As shown in fig. 10, that depending on the mode selected LAB gamut is reduced, LAB takes into

Art Unit: 2622

account ink density (luminance-to-density) as well as the fact that Nakajima states in column 6, lines 59-67 and column 7, lines 1-9, that depending on the mode few passes of the ink head, for example: in draft mode only one pass of the head, wherein normal there is two passes for each line.

Regarding claim 2, Nakajima discloses (fig. 11, column 12, lines 33-58) a method and apparatus for selecting a print job parameter wherein the step of selecting a print media source based upon the pre-selecting toner density setting further comprises selecting a draft media source upon identification of a draft toner density setting.

Regarding claim 3, Nakajima discloses (fig. 11, column 12, lines 33-58) a method and apparatus for selecting a print job parameter wherein the step of selecting a print media source based upon the pre-selecting toner density setting further comprises selecting a standard or normal media source upon identification of a standard toner density setting.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims ~~1~~⁴-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nakajima.

Regarding claim 4, Nakajima discloses a method and apparatus for selecting a

print job parameter including the steps of:

ascertaining a pre-selected (fig. 6, column 9, lines 21-37) media setting; and
selecting a print media source based upon the pre-selected toner density setting. As shown in fig. 6, that depending on the mode selected draft or normal or quality, it would have been obvious to one of ordinary skill in the art at the time the invention was made that when the draft mode is selected the plain paper is selected and processing is done as shown as CPM1.

Regarding claim 5, Nakajima discloses (fig. 6, column 9, lines 21-37) a method and apparatus for selecting a print job parameter wherein the step of selecting a toner density setting based upon the pre-selected print media source further comprises selecting a draft toner density setting upon identification of a draft media setting. As shown in fig. 6, that depending on the mode selected draft or normal or quality, it would have been obvious to one of ordinary skill in the art at the time the invention was made that when the draft mode is selected the plain paper is selected and processing is done as shown as CPM1.

Regarding claim 6, Nakajima discloses (fig. 6, column 9, lines 21-37) a method and apparatus for selecting a print job parameter wherein the step of selecting a toner density setting based upon the pre-selected print media source further comprises selecting a standard media source upon identification of a standard toner density setting. As shown in fig. 6, that depending on the mode selected draft or normal or quality, it would have been obvious to one of ordinary skill in the art at the time the invention was made that when the standard mode is selected the coated paper is selected and processing is done as shown as CPM2.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Narendranath et al. (US 5,751,1434) discloses a system for reducing toner or ink consumption in rendering images.

Lloyd et al. (US 5,852,462) discloses an apparatus and method of printing using a low gloss dry toner formulation for both low gloss and high gloss printing.


Kumanda (US 6,048,116) discloses an apparatus and method of printing based upon a first or second mode of printing.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David L Jones whose telephone number is (703) 305-4675. The examiner can normally be reached on Monday - Friday (7:00am - 3:30pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached on (703) 305-4712. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

David L. Jones



EDWARD COLES
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600